

## CLAIMS

1. A heating cooker for heating to process an object placed on a mounting  
5 base at inside of a heating chamber, said heating cooker comprising:  
at least a single piece of a rod-like heater arranged along a face member forming  
the heating chamber on an outer side of the heating chamber; and  
a heat shielding member provided along a longitudinal direction of the rod-like  
heater between the rod-like heater and the face member.  
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2. The heating cooker according to Claim 1, wherein the heat shielding  
member comprises a flat plate material.
3. The heating cooker according to Claim 2, wherein the heat shielding  
15 member is constituted by folding to bend a flat plate material and is provided with a  
section in a projected shape projected to the rod-like heater.
4. The heating cooker according to any one of Claim 1 through Claim 3,  
wherein a heat shielding area of the heat shielding member is set to be large at a center  
20 portion in a longitudinal direction of the heat shielding member and to be small at an end  
portion in the longitudinal direction.
5. The heating cooker according to Claim 4, wherein the heat shielding  
member includes an opening hole and the heat shielding area is set by large or small of an  
25 opening area of the opening hole.
6. The heating cooker according to Claim 4 or Claim 5, wherein a width of  
the heat shielding member in a direction orthogonal to the longitudinal direction is changed  
along the longitudinal direction to thereby set the heat shielding area.  
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7. The heating cooker according to Claim 6, wherein the width of the heat  
shielding member in the direction orthogonal to the longitudinal direction is provided with

a width substantially equal to at least a diameter of the rod-like heater.

8. The heating cooker according to any one of Claim 1 through Claim 7,  
wherein the face member of the heating chamber opposed to the rod-like heater is provided  
5 with at least either one of a recessed portion having a section in a recessed shape or a  
projected portion having a section in a projected shape formed substantially in parallel with  
the longitudinal direction of the rod-like heater along therewith.

9. The heating cooker according to Claim 8, wherein the face member of  
10 the heating chamber includes a pair of the projected portions on both sides interposing the  
rod-like heater.

10. The heating cooker according to Claim 8 or Claim 9, wherein the face  
member of the heating chamber includes the recessed portion opposed to the rod-like  
15 heater.